

KEPKA, M., inz.; PUNCOCHAR, Zd., inz.; VRSELY, J., inz.; KECLIK, V., inz.;
BECVAR, J., inz.; RANT, Pavel, inz.; CHVOJKA, Jan, inz.; SOMMER, B.,
inz. KALIVODA, A., inz.; HREBK, A.

Information on metallurgy. Hut listy 18 no.3:207-223 Mr '63.

81798

Z/034/60/000/09/002/004
E073/E535

12.7500
18.1100
AUTHOR: Kalivoda, Aleš, Engineer

TITLE: Determination of the Coefficient of Activity of Carbon¹
in Alloy Ferrite

PERIODICAL: Hutnické listy, 1960, No.9, pp.687-689

TEXT: For measuring the carbon activity the author used a method proposed by Hillert (Ref.6), according to whom the carbon activity in cementite and ferrite in the equilibrium state can be expressed by means of the equation

$$a_c^{\text{pure cementite} + \alpha} = 0.0553 \cdot \exp.6900/RT$$

and the ratio of the activity of the carbon in a mixture of the alloy cementite and ferrite to that of a mixture in pure cementite can be calculated by means of the equation

$$\frac{a_c^{\text{cementite} + \alpha}}{a_c^{\text{pure cementite} + \alpha}} = -y(4F - 3) \quad (1)$$

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2/034/60/000/09/00⁸¹⁷⁹⁸2/004
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Determination of the Coefficient of Activity of Carbon in Alloy
Ferrite

where y is the content of the alloying element in the ferrite (gram molecule weight fraction), F is the ratio of the gram molecule weights of the alloying elements in the two phases. This equation was derived by Hillert on the assumption that a ternary alloy forms a diluted solution and that for a second component (the alloying element in the given case), the Henry law applies. For the experiments four steels with a carbon content of about 0.4% were chosen which were alloyed each time with about 2% of one of the following elements; manganese, silicon, chromium and nickel, whilst the other elements were contained in as small a quantity as practicable (Table 1). It was found that manganese, and particularly chromium, reduce considerably the activity of carbon as compared to a pure Fe-C alloy, i.e. these elements reduce the quantity of "free" carbon which is capable of interacting. However, nickel does not influence the activity of the carbon as compared to a Fe-C alloy and its influence on the carbide reaction is negligible. For the given content, silicon increases the

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L 21452-66 EWP(w)/T/EWP(t)/EWP(k) JI/HV

ACC NR: AP6011967

SOURCE CODE: CZ/0057/65/000/003/0119/0122

AUTHOR: Kalivoda, Ales (Engineer; Candidate of sciences)

ORG: VZU-NHKG, Ostrava

TITLE: Changes in mechanical properties of spirally welded pipes due to cold deformations

SOURCE: Hutnik, no. 3, 1965, 119-122

TOPIC TAGS: material deformation, solid mechanical property, pipe, plastic deformation, steel, weldability

ABSTRACT: Experiments showed that the plastic deformation in pipe production increases the strength of the material, but at the same time the elongation is reduced by about 4%, and the notch strength is reduced by 25%, while the brittleness increases. Welding properties were not influenced. Two kinds of steel were used in the experiments. First containing: 0.26% C, 0.44% Mn, 0.04% P and 0.052% S; the second: 0.13% C, 0.48% Mn, 0.3% Si, 0.018% P, and 0.024% S. Orig. art. has: 5 figures and 1 table. [JPRS]

SUB CODE: 11, 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

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Z/034/61/000/002/003/006
E073/E535

AUTHOR: Kalivoda, Aleš, Engineer

TITLE: Retained Austenite

PERIODICAL: Hutnické listy, 1961, No.2, pp.135-138

TEXT: According to the results of Castleman, Averbach and Cohan (Ref.1) and Bailey and Harris (Ref.2), retained austenite has an unfavourable influence on quenched and even on tempered specimens; its decomposition products lower some of the mechanical properties, particularly the notch impact strength. In view of the importance of this problem, the author has studied retained austenite by means of a magnetometer for the case of tempering of steels tempered up to 400°C, i.e. in the range of the so-called low temperature temper brittleness. The aim was: 1) to verify the quantity of retained austenite in steel of a given type as a function of the austenization temperature; 2) to determine the quantity of retained austenite as a function of the conditions of cooling during quenching; 3) to study the decomposition of the retained austenite during tempering as a function of the hardening conditions; 4) to evaluate the factors affecting the stabilization of retained austenite. The retained austenite was evaluated by apparatus of the same type as
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Retained Austenite

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V

that described by Shteynberg and Zyuzin (Ref.3), i.e. a magnetometer in which, after initial demagnetization of the specimen, the residual magnetic phase is determined on the basis of the e.m.f. generated by the specimen after magnetization. For measuring the retained austenite, Cr-Ni-Mo (ČSN 16341) constructional steels were chosen, which were smelted in 50 kg high frequency furnaces with basic linings. Cast ingots were forged into rods of 20 and 8 mm diameter, respectively; the rods of 8 mm diameter were cut into thirteen 70 mm long pieces and quenched by various methods as enumerated in Table 1. For hardening, the rods were heated to the desired temperature with an accuracy of $\pm 3^{\circ}\text{C}$. Following that, they were cooled, either suspended in air or by immersion into an appropriate bath. After hardening, two 3 x 30 mm specimens were prepared from each rod for determining the retained austenite, which was measured twice for each specimen, i.e. four times for each alternative heat treatment. Then, the specimens were tempered gradually at 50, 80 and 100°C in a water bath, at 150 and 200°C in an oil bath and at 250, 300, 350 and 400°C in an air furnace (inside sealed silicon tubes to prevent decarburization).

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The tempering time was four hours. The quantity of retained austenite was determined at 20°C after each tempering. The influence of the hardening temperature, of the speed of quenching, of the temperature of the quenching bath on the quantity of the retained austenite and the nature of the decrease in the quantity of retained austenite for all the tested variants of the heat treatment are plotted in Fig.2, which gives the quantity of retained austenite,%, as a function of the tempering temperature, °C; the numbering of the curves corresponds to that of Table 1. On the basis of the obtained results, the following conclusions are arrived at:

1. With decreasing cooling speed a greater quantity of retained austenite will form. The retained austenite can be entirely eliminated by intensive quenching followed directly by cooling in liquid nitrogen.
2. During tempering the retained austenite is stable up to 200°C; decomposition occurs to a maximum extent in the range of 250 and 300°C and exceptionally at higher temperatures. Retained austenite which has been stabilized by quenching in an oil bath

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of 200°C will not decompose even at 400°C.

3. An increase in the quenching temperature during quenching in water, in air and in a bath at a temperature of 100°C has no effect on the quantity of retained austenite; quenching in a 200°C oil bath results in a pronounced increase of the quantity of retained austenite.

4. The experimental results prove that martensite occurs as a result of nucleation of the defects of the austenite lattice. Defects in the austenite lattice, which are advantageous from the point of view of martensite nucleation, occur either during quenching or during slow cooling. If, during slow cooling, suitable new defects do not arise, the defects that are present during equilibrium austenization will manifest themselves. There are 2 figures, 1 table and 12 references: all non-Czech.

ASSOCIATION: Výzkumný a zkušební ústav NHKG
(Research and Test Institute NHKG)

SUBMITTED: September 8, 1960

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Retained Austenite

Z/034/61/000/002/003/006
E073/E535Table 1Heat Treatment of the Specimens used in Measuring
Retained Austenite

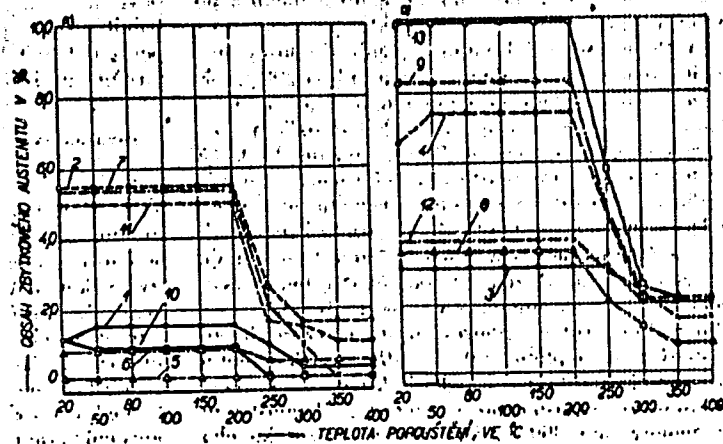
1	820°C/1 h/water + 10% NaOH (20°C)
2	820°C/1 h/in air, freely suspended
3	820°C/1 h/water 100°C/10 h/air
4	820°C/1 h/oil 200°C/24 h/air
5	880°C/1 h/water + 10% NaOH/0°C/1 min/nitrogen-193°C/3h
6	880°C/1 h/water + 10% NaOH (20°C)
7	880°C/1 h/in air, freely suspended
8	880°C/1 h/water 100°C/10 h/air
9	880°C/1 h/oil 200°C/24 h/air
10	1000°C/1 h/water + 10% NaOH (20°C)
11	1000°C/1 h/in air, freely suspended
12	1000°C/1 h/water 100°C/10 h/air
13	1000°C/1 h/oil 200°C/24 h/air

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Fig. 2



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KALIVODA, Ales, inz.

Retained austenite. Hut listy 16 no.2:135-138 F '62.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda.

KALIVODA, A., inz.

" orium in low-carbon deep-drawing steel" by D.A.Livinenko.
Reviewed by A.Kalivoda. Hut listy 19 no.9:674 S '64.

KALIVODA, Alex, Ing. CS.; KUCINA, Jan, Ing.

Weldability of structural steels for long-distance gas lines at
temperatures reduced to minus 20° C. Zvaranie 13 no. 10:383-391
O 164.

1. Research and Testing Institute, Nová huť Zlín, Zlín, Czechoslovakia
National Enterprise, Ostrava.

KALIVODA, Ales, inz., C.Sc.

Dilatometric examination of the drawing of alloyed martensite.
Hut listy 17 no.8:569-573 Ag '62.

1. Vyzkumy a skusebni ustav, Nova hut Klementa Gottwalda,
Ostrava-Kuncice.

L 34912-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6026594

SOURCE CODE: CZ/0034/66/000/002/0123/0127

AUTHOR: Kalivoda, Ales (Engineer; Candidate of sciences)

ORG: VZU NHKG, Ostrava-Kuncice

TITLE: Production of steel according to DIN 17100

SOURCE: Hutnicke listy, no. 2, 1966, 123-127

TOPIC TAGS: steel industry, metallurgic process

ABSTRACT: The author investigated the problem of producing steel in accordance with DIN 17100 at the Nova Hut Works. The basic process is conducted according to GSN Class 11; details of adjustments to this process are described. Angle iron and bars were successfully produced. Czechoslovak standard construction steels are compared to British standard steels, and the improvements that would be necessary to equal British Standards are discussed. Orig. art. has: 3 figures and 2 tables. [JPRS: 34,779]

SUB CODE: 11, 05 / SUBM DATE: none

Card 1/1 h/95

L 8265-66 EWT(1)/ETC/EPF(n)-2/EWG(m) IJP(c) AT 02/0055/65/015/007/0534/0535
 ACCESSION NR: AP5018475
 AUTHOR: ^{44,55} Sobra, K.; ^{44,55} Kalivoda, L'; ^{44,55} Hanitz, F.
 TITLE: Contribution to study of splitting of plasma shock waves in accelerating tube

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 15, no. 7, 1965, 534-535, and insert on p. 540a
 TOPIC TAGS: ^{21,44,55} plasma shock wave, shock wave structure, ^{21,44,55} plasmoid acceleration, plasma magnetic field

ABSTRACT: The authors have observed that when a shock wave is accelerated between straight conductors in a plasma, the plasmoids are emitted with different velocities, thus indicating a splitting of the shock wave. Since this phenomenon is similar to that occurring in a Marshall jet, the authors attempt to attribute it to a similarity in the configuration of the internal magnetic field in both cases. Just as in the Marshall tube the magnetic field at the middle conductor is larger than at the jacket, so is the magnetic field inside straight conductors much larger at the two conductors than in the middle between them. The authors therefore express the opinion that one of the main causes of the splitting of the shock wave

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L 8265-66

ACCESSION NR: AP5018475

in a tube of straight conductors and of the plasmoid and the Marshall jet is the great nonuniformity of the internal magnetic field. "This work was carried out at the instigation of Assistant Professor J. Kracik to whom the authors are grateful." Orig. art. has: 2 figures.

ASSOCIATION: Institute of Solid State Physics, Czechoslovak Academy of Sciences, Prague; Electrotechnical Faculty, Czechoslovak Technical University, Prague

SUBMITTED: 01Mar65

ENCL: 00

SUB CODE: ME

NR REF SOV: 000

OTHER: 000

OC
Card 2/2

KALIVODA, P.; JANKOVIC, K.

Measuring the dimensions of the teeth of a cogwheel. p. 86.
TECHNICKA PRACA. (Statne nakladatelstvo technickej literatury) Vol. 6,
no. 2, Feb. 1954.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

KALIVODA, P.

"Construction and calculation of dimensions of shaving gears." p. 759.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 5, no. 10, Oct. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

BLAZEK, J.; KALIVODA, P.

"Production of noncircular gears."

p. 560 (Strojirenska Vyroba) Vol. 5, no. 12, Dec. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

KALIVODA, Pravoslav

Measurement of involute tooth flanks of geared wheels. Stroj
vyr 11 no.6:316-317 Je '63.

1. Zavodni pobočka Československé vědecko-technické společnosti,
Zavody přesného strojírenství, n.p., Gottwaldov.

PERIANCOVA-MASAROVA, Zora; KALIVODOVA, Eva

A few remarks concerning factors influencing the qualitative and quantitative status of birds by the effect of fluorine fumes surrounding an aluminum factory. Biologia (Bratisl) 20 no.6:397-403 '65.

1. Ustav biologie krajiny Slovenskej akademie vied v Bratislave.

KALIVODA, R.

3

CZECHOSLOVAKIA

DUFEK, M., MD; EIS, J., MD; KALIVODA, R., MD; ZOULEK, D., MD.

Association for Foreign Diseases (Stredisko pro cizo-
krajne choroby), Prague (for all)

Prague, Prakticky lekar, No 10, 1963, pp 381-383

"The New Treatment of Helminthosis."

DUJEK, M.; BLAHA, R.; KALIVODA, R.; KALOUSKOVA, A.; STERBA, S.; ZCULEK, D.

Pyrrvinium embonate (vanquine) therapy of enterobiosis. Cesk. pediat.
20 no.11:1013-1014 N '65.

1. Stredisko pro cizokrajne choroby fakultni nemocnice v Praze 10
(vedouci MUDr. R. Kalivoda).

KALIVODA, R.

3

CZECHOSLOVAKIA

ZOULEK, D., MD; KALIVODA, R., MD; DUFEK, M., MD; EIS, J., MD.

Association for Foreign Diseases (Stredisko pro cizokrajne choroby), Prague (for all)

Prague, Prakticky lekar, No 10, 1963, pp 388-390

"Appraisal of Health Faculties in Practice in Climatically and Hygienically Difficult Regions."

DUFEK, M.; BLAHA, R. ; KALIVODA, R.

Treatment of lamblasis with metronidazole---Flagyl (Specie).
Cas. lek. cesk. 103 no.37:1034-1034 11 S '64.

1. Stredisko pro cizokrajne choroby v Praze 10, (vedouci MUDr.
R. Kalivoda).

KALIVODA, Robert, MUDr.

Tropics seen by a physician. Latecky obzor 9 no.2:46-47 F '65.

L 9744-66

ACC NR: KP6001128

SOURCE CODE: CZ/3049/65/000/002/0109/0121

AUTHOR: Feriancova-Masarova, Zora--Feriantsova-Masarova, Zora (Doctor; Candidate of sciences); Kalivodova, Eva (Graduate biologist)

ORG: Department of Biology and Wild Life, Institute of Biology, Slovak Academy of Sciences, Bratislava (Oddelenie biologie a tvorby krajiny Biologického ustavu Slovenskej akademie vied)

TITLE: Influence of the stack gases of the aluminum plant at Ziar upon Hron upon the bird population in its neighborhood

SOURCE: Biologia, no. 2, 1965, 109-121

TOPIC TAGS: air pollution, industrial waste, industrial plant, aluminum, plant injury, biologic reproduction

ABSTRACT: It seems that the population of birds is influenced mainly by the presence of fluorine. Because of the systematic fluorine discharge, trees, mainly evergreens and fruit trees, are affected; in the second step all trees, even deciduous ones, suffer. As a result of these changes, facilities for nest building by the birds are reduced. Some kinds of birds find nesting possibilities at the border areas; the areas will change in the same way as the destruction of further vegetation bases will proceed. Orig. art. has: 4 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 025 / OTH REF: 002 / SOV REF: 001
Card 1/1

FERIANCOVA - MASAROVA, Zora; KALIVODOVA, Eva; HLACHAN, Eugen

The effect of fluorine fumes surrounding an aluminum factory
on the fluorine content in the bones of birds. Biologia (Bratisl.)
20 no.6:404-410 '65.

1. Ustav biologie krajiny, Slovenskej akademie vied a Vyskumny
ustav hygieny, Bratislava.

FERIANCOVA-MASAROVA, Zora; KALIVODOVA, Eva

A few remarks on the effect of fluorine vapors in the environment of the aluminum factory in Ziar on the Hron on the quantity of nesting birds. Biologia (Bratisl) 20 no.5:341-347 '65.

1. Oddelenie biologie a tvorby krajiny Biologického ustavu Slovenskej akademie vied v Bratislave.

YURIKHIN, A. I.; GOLITSKY, N. N.; KALININ, V. I.

Changes of the blood in experimental acute intestinal obstruction.
 Zhurnal khir. i anest. 9 no.4:49-52 31-Aug '64.

(MIRA 18:3)

1. Kafedra obshchey khirurgii (rav. - prof. A. I. Yurikhin)
 Annitskogo meditsinskogo instituta.

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620120014-5"

L-4

USSR/Cultivated Plants - Fodders.

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69264

Author : Kaliyanov, D.G.

Inst :

Title : The Role of Perennial Grasses and Their Mixtures in Increasing Soil Fertility.

Orig Pub : Tr. Dnepropetr. s.-kh. in-ta, 1956, 6, 36-54

Abstract : The Dnepropetrovsk agricultural institute conducted experiments in the agrotechnique of cultivating perennial grasses and the selection of the most productive grass mixtures for different districts of Ukrainian SSR. The influence of perennial grasses and their mixtures was tested for accumulation of organic and mineral substances in the soil at different periods of sowing, addition of fertilizer and different methods of the use of grass fields. It was established that the effectiveness of perennial grasses in the matter of increasing soil

KALIYEV, Botay; KULAKOV, N., redaktor; SHILOV, F., redaktor; OYSTRAKH, V.,
tekhnicheskikh redaktor

[Safety engineering under public control] Tekhniku bezopasnosti -
pod obshchestvennyi kontrol'. Alma-Ata, Kazakhskoe gos. izd-vo,
1956. 11 p. (MIRA 9:10)

1. Obshchestvennyy inspektor po okhrane truda shakhty in. Kirova,
kombinata "Karagandaugol'" (for Kaliyev)
(Coal mines and mining--Safety measures)

KALIYEV, M.

Climate of the Chu River flood plain [in Kazakh with summary
in Russian]. Vest.AN Kazakh.SSR 17 no.3:79-83 Mr '61.

(MIRA 14:3)

(Chu Valley-Climate)

USTINOV, A.M.; KALIYEV, S.G.

Determining the coefficient of aerodynamic resistance of workings with
new type supports. Nauch. trudy KNTUI no.16:140-145 '64. (MIRA 18:7)

KALIZHNEKOVA, A. I.

Factors that affect the level and duration of penicillin in blood. A. I. Kalizhnikova. *Trudy Leningrad. Nauk. Tsentra. Med. Fak.* 3, 103-70 (1950). ...The av. level of penicillin in the blood 0.5 hr. after administration is about 0.12 unit; the level is affected by individual factors and by quality of penicillin, as is the duration of its stay.
(1. M. Kuznetsov)

Translation M-84, 19 Jan 55

~~KALIZHNIKOVA, A.I.~~

Serodiagnosis of epidemic hepatitis by complement fixation. Trudy
ISGMI 30:97-101 '56. (MLRA 10:'0

1. Kafedra mikrobiologii i bakteriologicheskaya laboratoriya klinik
Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta
(zav. kafedroy - prof. M.N.Fisher; zav. laboratoriy - A.I.Kalishni-
kova)

(HEPATITIS, INFECTIOUS, diagnosis,
complement fixation (Rus))
(COMPLEMENT, in various diseases,
fixation in infect. hepatitis (Rus))

BERTOVA, D. A.; KALIZHNIKOVA, A. I.

Clinical picture of food salmonellosis and their diagnosis in
single [cases] of food poisoning. Trudy LSGMI 67:241-248 '62.
(MIRA 15:7)

1. Kafedra gigiyeny pitaniya s klinikoy alimentarnykh zabole-
vaniy Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo
instituta (sav. kafedroy - prof. Z. M. Agranovskiy).

(SALMONELLA) (FOOD POISONING)

VOLKOVA, V.G.; KALIZHNIKOVA, A.I.; KRYZHANOVSKAYA, S.V.; BERGACHEVA, L.P.

Results of a study on the sensitivity of gram-positive coccal
microflora to antibiotics. Report No.1. Trudy LSGMI 66:146-150
'62. (MIRA 17:4)

1. Kafedra mikrobiologii (zav. kafedroy - prof. M.N.Fisher) i
TSentral'naya bakteriologicheskaya laboratoriya (zav. labora-
toriyey - A.I.Kalizhnikova) Leningradskogo sanitarno-gigiyenicheskogo
meditsinskogo instituta.

KALIZHNYK, S., inzh.

Land of tamed rivers. Tekh.mol. 31 no.4:3-4 '63. (MIRA 16:6)
(Soviet Central Asia--Hydroelectric power stations)
(Soviet Central Asia--Water resources development)

KALIZHNYUK E.S.

Characteristics of the psychology of children who have had the
hemolytic disease of the newborn. Zhur. nevr. i psikh. 64
no.7:1048-1052 '64. (MIRA 17:12)

1. Kafedra detskoy psikhatrii (zaveduyushchiy - prof. G.Ye. Sukhareva)
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

KALIZHNYUK, S. [H]

KALIZHNYUK, S.

Main Turkmen Canal

Conquest of the desert. Tekh. molod., No. 2, 1952.

Tekhnika - Molodezhi

(Youth)

Monthly List of Russian Accessions, Library of Congress, June 1952, UNCLASSIFIED.

1. KALIZHNYUK, S.K.
2. USSR, (600)
4. Main Turkmen Canal
7. Building the Main Turkmen Canal, and the tasks of science. Izv.AN VSSSR
Otd.tekh,nauk no. 9, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KALIZHNYUK, S.K.

A canal in the desert. Vokrug sveta no.10:2-7 O '54. (MIRA 7:10)

1. Zamestitel' ministra vodnogo khozyaystva Turkmenskoy SSR.
(Kara-Kum canal)

KALIZHNYUK, S.K., inzh.; MELAMUT, D.L., kand.tekhn.nauk; SILAGADZE, V.A.,
inzh.

Results of cofferdamming with sand and gravel. Gidr.stroi. 34
no.11:10-15 N '63. (MIRA 17:3)

PAP0, Roza; sanitetski pukovnik docent, dr.; KALJAKOVIC, Ratko, sanitetski pukovnik, docent, dr.; RADOJEVIC, Radmila, sanitetski potpukovnik, dr.

Corticosteroids in the treatment of infectious hepatitis and our experience during the period of 1953-1963. Vojnosanit. pregl. 21 no.5:334-338 My '64.

1. Klinika za zarazne bolesti, Vojnomedicinska akademija u Beogradu.

KALJALOVIC, R.; RADOJEVIC, R.

Contribution to the knowledge of persistent protracted ulcerous colitis. Med. glasn. 8 no.1:18-20 Ja '54.

1. Zarazno odeljenje Vojno-medicinske akademije u Beogradu
(nacelnik puk. dr. Roza Papo)
(COLITIS, ULCERATIVE, ther.)

*

KALJALOVIC R.

PAPO, Roza, pukovnik, dr.; KALJALOVIC, Ratko, major dr.

Personal observations and analysis of cases of intestinal amebiasis. Voj. san. pregl., Beogr. 11 no.9-10:350-355 Sept-Oct 54.

1. Zarazno odeljenje VMA
(AMEBIASIS, INTESTINAL)

NIKOLIC, M.; PAPO, R.; KALJALOVIC, R.

Aerogenic infections in our hospitals. Higijena Beogr. 11 no.2-3:
151-157 '59.

(AIR microbiol.)

(COMMUNICABLE DISEASES transm.)

(HOSPITALS)

PAP0, R., sanitetski pukovnik doc. d-r; KALJALOVIC, R., sanitetski
potpukovnik d-r

Value of auxiliary methods in the early diagnosis of meningitis with
clear cerebrospinal fluid with special reference to tuberculous
etiology. Voj.san.pregl., Beogr. 17 no.6:660-663 Je '60.

1. Vojnomedicinska Akademija u Beogradu, Odeljenje za infektivne
bolesti.

(TUBERCULOSIS MENINGEAL diag)

KALJALOVIC, R., sanitetski potpukovnik, dr.; RADOJEVIC, R., sanitetski potpukovnik, dr.; OBERSLIK, J., sanitetski potpukovnik mr ph

Serum copper and iron values in patients with jaundice of various etiology. Voj.san.pregl. 18 no.6/7:540-543 Jan-Jl '61.

1. Vojnomedicinska akademija u Beogradu, Odeljenje za infektivne bolesti, Centralna medicinska laboratorija.

(HEPATITIS INFECTIOUS blood) (JAUNDICE blood)
(IRON blood) (COPPER blood)

KALJALOVIC, Ratko

Clinical features, therapy and diets for patients with typhus during the War of Liberation. The period of partisan activities. (1941-1944). Srpski arh. celok. lek. 89 no.12:1383-1390 D '61.

(TYPHUS hist) (WAR)

KALJALOVIC, Ratko, sanitetski pukovnik dr; ROMANO, Marinka, sanitetski potpukovnik
mr ph; VUKCEVIC, Zagorka mr ph

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1. Vojnomedicinska Akademija u Beogradu, Klinika za zarazne bolesti.
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A method for teaching military infectious diseases. Vojnosanit
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PAP0, Roza, prof. dr.; KALJALOVIC, Ratko, doc. dr.; RADOJEVIC, Radmila, dr.;
BOGDANOV, Lea, doc. dr.

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scarlet fever with various penicillin preparations. Med. glas.
19 no.8/9:191-194 Ag-3 '65.

1. Klinika za zarazne bolesti VMA u Beogradu (Nacelnik: prof.
dr. R. Papo) i Mikrobioloski institut VHZ u Beogradu (Nacelnik:
doc. dr. Dorde Heneberg).

ACC NR: AP6029581

SOURCE CODE: YU/0015/65/000/03-/0191/0194

AUTHOR: Papo, Roza (Professor; Doctor); Kaljalovic, Ratko (Docent; Doctor);
Radojevic, Radmila (Doctor); Bogdanov, Lea (Docent; Doctor)

ORG: Infectious Diseases Clinic, VMA/headed by Professor, Doctor R. Papo/, Belgrade
(Klinika za zarazne bolesti VMA); Microbiology Institute, VHZ/headed by Docent,
Doctor D. Heneberg/, Belgrade (Mikrobioloski institut VHZ)

TITLE: Controlled studies of comparative treatment of scarlet fever with various
penicillin preparations

SOURCE: Medicinski glasnik, no. 8-9, 1965, 191-194

TOPIC TAGS: penicillin, drug effect, bacterial disease

ABSTRACT: Three groups of 50 patients each, all with scarlet fever, were treated
with either an oral preparation of penicillin, an injectable penicillin, or
long-acting benzathine penicillin: while all 3 preparations were about equally
effective on an immediate basis, the third was best in preventing reinfection or
recurrence (46% versus 30% versus 6% recurrence). Orig. art. has: 4 figures.
[JPRS: 36,599]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 001
OTH REF: 006

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Riiklik Kirjastus 1960. 170 p. (MIRA 15:8)
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Periodical: SOTSIALSTLIK POLNUMAJANDUS Vol. 14, no. 3, Feb. 1959

KALJUORG, R. Extermination of wolves in a public task. p. 132.

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Eleven years of investigating the ten most representative kinds of grapes in Hercegovina. p. 376.

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"The Cutaneous Method of Specific Prophylaxis of Tularemia; Communication II:
Test of Effectiveness of Cutaneous Vaccination by Various Methods of Infection by a
Virulent Culture of Tularemia Microbe," in the book: Tularemia, 21-31, Rostov-on-the-Don,
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"Reducing the Selection of Slaughtered Hogs is an Important source of Decreasing Prime Costs", p. 7, (GOSPODARKA MIESIA, Vol. 7, No. 1, Jan. 1955, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EERL), IC, Vol. 4, No. 5, May 1955, Uncl.

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Vasil, inzh.

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1. Redaktor dzialowy miesiecznika "Przemysl Spozywczy" (for Kalkhoff)

3(2) KAL'KO, A.G.
p.6 PHASE I BOOK EXPLOITATION SOV/1263
Akademiya nauk SSSR. Laboratoriya aerometodov
Aerogeologicheskaya s"yemka melkovodnykh zon Kaspiyskogo morya
(Aerial Geological Survey of Shallow Waters of the Caspian
Sea) Moscow, Izd-vo AN SSSR, 1958. 139 p. 1,500 copies printed.
Resp. Ed.: Sharkov, V.V., Candidate of Geographical Sciences; Ed.
of Publishing House; Aron, G.M., Tech. Ed.; Bleykh, E.Yu.

PURPOSE: The book is intended for geologists and geographers.

COVERAGE: This collection of articles, profusely illustrated by
aerial photos and maps, presents the results of experimental
aerial photography taken by the AS USSR Laboratory of Aerial
Methods expedition in the shallow waters of the west coast of
Caspian Sea. Aerial photo work was done under the direction of
K.S. Lyalikov. Field work for the project was performed with the
help of Ye.Ya. Dmitriyev, Geologist; M.F. Murchinok, Chief
Geologist of the Ministry of Petroleum Production USSR;

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A.A. Bakirov and A.A. Il'in, workers at the Ministry; A.A. Yakubov, V.S. Melik-Pashayev, K.A. Mamedov, A.L. Putkaradze and A.P. Ushakov, directors and workers at the former Azmorneft' and Azneft' organizations; M.V. Klenova and V.F. Solov'ev of the Institute of Geological Sciences AS USSR; M.V. Abramovich, I.I. Potapov and D.M. Suleymanov of the Geological Institute of the AS of the Azerbaydzhan SSR; as well as S.E. Mussayev and A.I. Nikolenko of the Dagneft' Trust. There are 48 figures and photos and 106 references of which 105 are Soviet and one English.

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HUNGARY / Plant Physiology. Respiration and Metabolism. 1-2

Abs Jour: Ref Zhur-Biol., 1958, 72571.

Author : Felföldy, Lajos F.; Kalko, Zsuzsa.

Inst : Tigan' Scientific-Research Institute of Biology.

Title : Investigations of the Catalase of Plants. I. Problems of Method.

Orig Pub: Magyar tud. akad. Tihanyi biol. kutatointezet. evk., 1955-1956(1957), 24, 297-309.

Abstract: The optimal pH value for the reaction of the dissolution of H_2O_2 by catalase for all plants investigated (sugar beets, seedlobes of sunflower, moss Rhytidiadelphys triquetrus, lichen Xanthoria and others) comprises a pH of 7-8. The most active of the catalase in the green leaves was observed when they were pulverized in a phosphate buffer with preliminary treatment of the leaves with NH_4OH , as

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KALKO, ZSUZSA

HUNGARY / Plant Physiology. Respiration and Metabolism. I-2

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72572.

Author : Felfoldy, Lajos F.; Kalko, Zsuzsa.

Inst : Hungarian Academy.

Title : Investigations of the Catalase of Plants. II. The Establishment of Metabolic Differences in Leaves of a Single Plant by Means of Studying the Catalase Activity.

Orig Pub: Magyar tud. akad. Tihanyi biol. kutatointezet. evk., 1955-1956(1957), 24, 311-321.

Abstract: The items - Chenopodium album, Convolvulus arvensis, Portulaca oleracea, Amaranthus retroflexus, Malva neglecta, Polygonum lapathifolium, Taraxacum officinale and sugar beets were studied. The catalase activity was measured in the leaves of various layers

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SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

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p. 289
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SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 2
Feb. 1956

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Method for calculating economic effects of technical progress in a building-
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Economic effectiveness of prefabricated wall elements in the construction of industrial workshops. P 29

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Uncl.

KALKOWSKI, L.

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KALKOWSKI, L. Work productivity in the prefabricated building elements industry. p. 29

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May 1959, Unclass.

KALKOWSKI, L.

Prefabricated cover plates in hydraulic engineering. p. 75.

GOSPODARKA WOJNA. (Naczelna Organizacja Techniczna) Warszawa, Poland.
Vol. 19, no. 2, Feb. 1959.

Monthly list of East European Accessions Index (EEAI), LC, Vol. 8, no. 6,
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uncla.

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Clinical aspects of metastatic brain cancer. Klin. med. 41
no.4:105-110 Ap '63. (MIRA 17:2)

1. Iz kafedry nervnykh bolezney (zav. - prof. D.K.
Bogorodinskiy) i Leningradskogo meditsinskogo instituta
imeni akademika I.P. Pavlova i kafedry nervnykh bolezney
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instituta.

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Cerebral metastatic cancer of hypophysial origin. Zhur. nevr. i psikh.
61 no.11:1624-1629 '61. (MIRA 15:2)

1. Kafedra nervnykh bolezney (zav. - prof. D.K.Bogorodinskiy) i
Leningradskogo meditsinskogo instituta imeni Pavlova.
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Pick's disease. Vop. psikh. i nevr. no.9:427-434 '62.
(MIRA 17:1)

1. Psikhiatricheskaya klinika (zav. - prof. D.S.
Ozeretskovskiy) ~~klinika~~ klinika nervnykh bolezney (zav. - prof.
D.K. Bogorodinskiy) 1-go Leningradskogo meditsinskogo
instituta imeni akademika I.P. Pavlova.

KALKUS, Jan

Use of animal glue for increasing the filler retention and the effectiveness of effluent save-alls. Papir a celuloza 18 no.2:30-31 F '63.

1. Vysoka skola chemickotechnologicka, Pardubice.

KAL'KUTIN, V.A.

Reviziia i kontrol'khoziaistvennoi
deiatel'nosti promyshlennykh predpriatii (Auditing
and control of the economic activity of industrial
enterprises). Moskva, Gosfinizdat, 1952. 256 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

25(3)

PHASE I BOOK EXPLOITATION

SOV/1518

Kal'kutin, Vasilii Afanas'yevich, and Vasilii Mitrofanovich Mitrofanov

Reviziya i kontrol' khozyaystvennoy deyatel'nosti promyshlennyykh predpriyatiy (Audit and Control of the Economic Activity of Industrial Establishments) 2nd ed., rev. and enl. Moscow, Gosfinizdat, 1957. 279 p. 5,000 copies printed.

Resp. Ed.: S.Kutyrev; Ed. of Publishing House: A. Kondrat'yeva;
Tech. Ed.: A. Lebedev.

PURPOSE: This book has been approved by the Ministry of Higher Education of the USSR as a textbook for finance and economics institutes and faculties.

COVERAGE: This textbook has been written for a course entitled "Audit and Control of Economic Activity of Industrial Establishments" and as such presents the basic framework for the following topics: primary objectives and forms of economic control in the USSR; questions of organizational control at various stages of

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Audit and Control of the Economic Activity (Cont.)

SOV/1518

the build-up of socialism; principles and methods of control activities for institutions, organizations, establishments, and officials in order to enforce the observance of "socialist legality"; and the cycle of fulfillment of planned tasks, fulfillment of party directives, state decrees, etc. Docent V.M. Mitrofanov wrote the Introduction and Chapters I, II, IV, VII, X, XI, XII, and XIII, while Docent V.A. Kal'kutin wrote Chapters III, V, VI, VIII, and IX. There are no references.

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